The Commonwealth of Massachusetts

DEPARTMENT OF EDUCATION

STATE COLLEGE AT WORCESTER

Fall—1962

Program of Continuing Studies

Beginning September 17, 1962

UNDER THE AUSPICES OF

DIVISION OF STATE COLLEGES

Publication of this Document Approved by Alfred C. Holland, State Purchasing Agent
Form T-Ex-C-8. 1500-6-62-933249 Estimated Cost Per Copy: $ .08

BOARD OF EDUCATION

MR. JOSEPH SALERNO, Chairman

MR. PHILIP DRISCOLL, Vice-Chairman

DR. WILLIAM E. PARK, Secretary

DR. ALEXANDER BRIN

DR. LEO C. DONAHUE

DR. JAMES R. KILLIAN

MR. STUART MACMILLAN

DR. JOHN W. McDEVITT

MRS. ROBERT A. PEDERSON

DEPARTMENT OF EDUCATION

DR. OWEN B. KIERNAN, Commissioner of Education

DR. JOHN GILLESPIE, Director, Division of State Colleges

DR. FRANCIS X. GUINDON, Assistant Director, Division of State Colleges

PRESIDENT EUGENE A. SULLIVAN, State College at Worcester

EXTENSION FACULTY

CORNELIUS S. DONOGHUE, A.B., A.M., Director of Continuing Studies

JOHN F. EAGER, B.S., Ed.M., Associate Director of Continuing Studies

ELIZABETH R. BARLOW, B.S., Ed.M., Ed.D.

WALTER BUSAM, A.B., A.M., Ph.D.

MARY T. COSGROVE, A.B., Ed.M.

VERA M. DOWDEN, B.S., Ed.M.

ELIZABETH V. FOSTER, B.S., Ed.M., Ed.D.

ROBERT W. GOSS, B.S., Ed.M., A.M.

LOREN N. GOULD, A.B., A.M.

RICHARD E. GRAY, B.S., Ed.M.

EDWIN R. HEDMAN, A.B., A.M., Ph.D.

FRANCIS L. JONES, A.B., A.M, Ph.D.

JOSEPH C. LONERGAN, B.S., Ed.M.

WILLIAM K. MASTERSON, A.B., A.M., M.S.

PAUL J. McCARRON, B.S., Ed.M.

ALICE G. McCONNELL, B.F.A., M.F.A., A.M.

KATHRYN R. O'DONNELL, B.S., A.M.

EDMUND C. OSBORNE, B.S., A.M., Ed.D.

KENT C. REDMOND, A.B., Ph.D.

JOSEPH W. RIORDAN, A.B., A.M., Ed.M., Ph.D.

CARLETON E. SAUNDERS, A.B., A.M.

JOSEPH C. SCANNELL, B.S., Ed.M.

JOSEPH A. SHEA, A.B., A.M., Ph.D.

RUTH V. SOMERS, A.B., A.M.

WILLIAM L. SULLIVAN, A.B., A.M., Ph.D.

G. FLINT TAYLOR, A.B., Ed.M., Ph.D.

MADELINE A. WILMIRTH, B.S., Ed.M.

MABEL E. WRAY, B.S., A.M.

SCHEDULE OF CLASSES

Note: Courses carrying undergraduate credit only are numbered in the 700 series; courses carrying both undergraduate and graduate credit are numbered in the 800 series; and courses carrying graduate credit only, in the 900 series.

Course Number and Title		Instructor	Room No.
Monday, 4:30-7:15 P.M., beginning September 17, 1962			
F-825	Geographic Aids and Geographic Principles	Loren N. Gould	21
F-844	Health Science	William K. Masterson	23
F-807	Principles and Practices in Guidance (Guidance I)	Paul J. McCarron	G-23
F-836	Twentieth Century Art and Contemporary Culture	Alice G. McConnell	Art Room
F-816	Oral Interpretation	Carleton E. Saunders	26
F-809	Tests and Measurement	Ruth V. Somers	G-24
F-913	Organ. & Admin. of Elementary Sch.	Mabel E. Wray	34-A
F-811	Ind. Arts for Special Class—Elem. Sch.	Richard E. Gray	
Tuesday, 4:30-7:15 P.M., beginning September 18, 1962			
F-817	Language Arts—Part I	Elizabeth R. Barlow	36
F-880	Improvement of Instruction	Vera M. Dowden	34-A
F-806	Section A Supervision in Today's Schools	Elizabeth V. Foster	24-A
F-806	Section B Supervision in Today's Schools	To be announced	21-A
F-839	Twentieth Century American History	Kent C. Redmond	G-26
F-910	Research and Evaluation	William L. Sullivan	G-24
F-906	Guidance V—Occupational Information	G. Flint Taylor	G-23
Wednesday, 4:30-7:15 P.M., beginning September 19, 1962			
F-901	Phil. Fds. of Ed. Part I	Walter Busam	21-A
F-832	Civic Behavior—Democracy's Test	Robert W. Goss	24-A
F-838	English History	Edwin R. Hedman	35
F-902	Section A—Phil. Fds. of Ed.—Part II	Joseph R. Riordan	31-A
F-908	Guidance VI—Personnel Placement and Services	Joseph C. Scannell	G-23
F-904	Section A—Psychological Fds. of Education—Part II	Joseph A. Shea	G-26
F-881	Studies in Child Growth and Development	Madeline Wilmarth	G-22
Thursday, 430-715 P.M., beginning September 20, 1962			
F-835	Art for the Classroom Teacher	Mary T. Cosgrove	Art Room
F-834	The Social Sciences and Society's Problems	Francis L. Jones	22
F-904	Section B—Psych. Fds. of Ed.—Part II	To be announced	G-26
F-902	Section B—Phil. Fds. of Ed.—Part II	To be announced	31-A
F-903	Psych. Fds. of Ed.—Part I	Joseph C. Lonergan	34-A
F-818	Modern European Literature	Kathryn R. O'Donnell	G-23
F-848	Teaching of Mod. Math. in Secondary Schools	Edmund C. Osborne	24-A

GENERAL INFORMATION

The courses announced in this bulletin are offered by the Massachusetts Department of Education in cooperation with the State College at Worcester. The Department of Education reserves the right to cancel any course which does not have a minimum of 20 enrollments.

Both graduate and undergraduate courses are offered. Courses carrying undergraduate credit only are numbered in the 700 series; courses carrying both graduate and undergraduate credit are numbered in the 800 series; courses carrying graduate credit only are numbered in the 900 series.

REGISTRATION

Registration should be made on September 10, 11, 12, 13, and 14 from 3 to 5 P.M. or during the first week of the Fall semester at Worcester State College at Worcester, Massachusetts.

To facilitate course selection, provisions have been made for registration in advance by mail. The registration blank found on the last page should be forwarded to the college immediately. Registration fees must be paid by check or money order to the State College at Worcester. Cash will not be accepted. Assignment to classes which are or will be sectioned will be made in the order of completed registration.

COSTS

Tuition for residents of Massachusetts is $18 per semester hour of credit; for non-residents, $25 per semester hour of credit; and for auditors, $11 per semester hour. A **late registration fee** of $2.00 required of all, including veterans, after first meeting of course. A **$2.00 fee** payable for any change of registration after first meeting except when a course is cancelled. A **registration fee of $2.50 required of all students including veterans.** UNDER NO CIRCUMSTANCES WILL ANY OF THE REGISTRATION FEES BE REFUNDED.

VETERANS

Any resident of Massachusetts who has served in any branch of the armed services for at least **90 days,** one of which must have been served either between **September 16, 1940,** and **December 31, 1946,** or between **June 25, 1950,** and **January 31, 1955,** and who has a discharge other than dishonorable may enroll without charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility the veteran must present his discharge (or a photostatic copy) or certificate of satisfactory service in the case of officers, together with proof of residence, in advance of the opening date of class meeting.

Disabled veterans may also take courses without charge. The disabled veteran should obtain a certificate of disability from the United States Veterans Administration and a residence certificate from the Board of Assessors or from the Town or City Clerk establishing either six months' residence prior to entry into service or five years' residence prior to date of application.

CREDIT

Regulations and requirements for degree study may be obtained at the office of the Director of Continuing Studies, State College at Worcester. It is urgently recommended that the guidance and advice of the Director be sought and faithfully followed in planning a program of study. For teachers in service, a maximum of six semester hours per semester may be credited toward a degree.

The degree of Master of Education is awarded at the State Colleges at Boston, Bridgewater (including Hyannis Summer Session), Fitchburg, Framingham, North Adams, Salem, Westfield, and Worcester. Graduate courses in partial fulfillment of the requirements for this degree may be offered from time to time in the other State Colleges and the Massachusetts College of Art.

The Comprehensive Examination will be conducted on Friday, December 7th, 1962 at 4.P.M. Graduate students who will have completed their formal course work in the required areas by the end of January, 1963 will be eligible to take it.

Registration for the 1963 Spring Session will be conducted from January 21 through January 24, 1963 from 3 to 5 P.M. and on the first day of each class. It is anticipated that the following courses will be offered during the 1963 Spring Session:

Psychological Foundations of Education, Parts I and II
Philosophical Foundations of Education, Parts I and II
Research and Evaluation
Guidance I, II, and III
Curricular Methods and Materials in Elementary Education
Curricular Methods and Materials in Secondary Education
School Supervision
Special Education
Studies in Adolescent Growth and Development

It is anticipated that courses in the areas of history, geography, and the social studies, the creative arts, English, and the language arts will also be offered.

COURSE DESCRIPTIONS

F-825 Geographic Aids and Geographic Principles

3 semester hours — Loren N. Gould

Monday, 4:30-7:15 P.M., beginning September 17, 1962

In this course, prospective and experienced geography teachers will study the basic geographical principles and the means by which such principles can be interpreted from globes, maps, models, weather instruments and other geographic aids that might be found in a classroom. The component parts of the various aids, such as the analemna on the globe, the scale on the map, the vertical exaggeration of the model, and the significance of the barometer will be evaluated especially in terms of their function and practicality for various age groups.

F-844 Health Science

3 semester hours — William K. Masterson

Monday, 4:30-7:15 P.M., beginning September 17, 1962

This course will be directed towards the needs and interests of educators who have had a minimum of, or no formal training in the health sciences. Certain basic questions concerning personal, classroom, school, and community health problems will be posed; and by means of lectures and/or demonstrations, answers and modern interpretations to these questions will be presented and evaluated.

F-807 Principles and Practices in Guidance

3 semester hours — Paul J. McCarron

Monday, 4:30-7:15 P.M., beginning September 17, 1962

This is an introductory course designed to provide the student with an understanding of the need, meaning, and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collecting, recording, and evaluating data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance. The emphasis of the course will be placed upon the role of the classroom teacher in the guidance program.

Note: This course or its equivalent is a prerequisite to advanced courses in guidance.

F-836 Twentieth Century Art and Contemporary Culture

3 semester hours — Alice G. McConnell

Monday, 4:30-7:15 P.M., beginning September 17, 1962

Mature students of the visual arts during the period indicated will make critical evaluation of important original works in the Boston and Worcester art galleries and museums, and of slides and reproductions of paintings, sculpture and the graphic arts. Introductory lecture-discussions, studio experiences, and supplemental instruction will guide students in the individual projects.

F-816 Oral Interpretation

3 semester hours — Carleton E. Saunders

Monday, 4:30-7:15 P.M., beginning September 17, 1962

F-816 is concerned with the concert type of oral interpretation of literature given modern impetus by outstanding television and theatrical personalities. It is structured both to develop appreciation and understanding of prose and poetry and the ability to communicate the thoughts and moods of great writers. Students will be aided in adapting selected materials for this type of presentation in their own classrooms.

F-809 Tests and Measurements

3 semester hours — Ruth V. Somers

Monday, 4:30-7:15 P.M., beginning September 17, 1962

This course considers the nature of measurement, its purpose and value in the learning situation, and the types of measuring techniques to be employed. Attention is given to the development of certain statistical concepts, facility in the selection and use of measuring instruments, and in the interpretation of the data secured.

F-913 Organization and Administration of Elementary School (School Administration II)

3 semester hours — Mabel E. Wray

Monday, 4:30-7:15 P.M., beginning September 17, 1962

This course will emphasize the many facets of elementary school administration and organization. The role of the principal as an administrator in the larger setting of present day education will be stressed. Specifically, the course will deal with the principal's role in organizing for teaching and learning, administering pupil personnel and special services, and integrating school and community life.

F-817 Language Arts in the Elementary School—Part I

3 semester hours — Elizabeth R. Barlow

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

The course is designed to acquaint teachers with the functional and creative aspects of oral and written expression in the modern elementary school. Consideration will be given to teaching procedures and learning aids which insure individual growth in language power and to representative courses of study and textbooks which emphasize the functional development of language power in relation to child growth.

F-880 The Improvement of Instruction

3 semester hours — Vera M. Dowden

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

In this course, a study will be made of procedures for developing growth and strengths in the teaching of school subjects in the elementary and secondary schools. Practical solutions to everyday problems gained from experience will be shared by class members.

F-806 Supervision in Today's Schools—Section A

3 semester hours — Elizabeth V. Foster

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

This course is designed as an introductory course in supervision for teachers, school administrators, and supervisors at both the elementary and secondary school levels. Significant topics included in the course are: concepts of supervision; principles of supervision; organization for supervision; group process; techniques of supervision; and the evaluation and improvement of instruction, curriculum, and the supervisory program. Opportunities will be provided for concentrated study and application of the materials of the course to elementary, secondary, or special subject work. This course, or its equivalent, is prerequisite for all advanced courses in supervision.

F-806 Supervision in Today's Schools—Section B

3 semester hours — Instructor to be announced

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

This course is designed as an introductory course in supervision for teachers, school administrators, and supervisors at both the elementary and secondary school levels. Significant topics included in the course are: concepts of supervision; principles of supervision; organization for supervision; group process; techniques of supervision; and the

evaluation and improvement of instruction, curriculum, and the supervisory program. Opportunities will be provided for concentrated study and application of the materials of the course to elementary, secondary or special subject work. This course, or its equivalent, is prerequisite for all advanced courses in supervision.

F-839 Twentieth Century American History

3 semester hours — Kent C. Redmond

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

This study of recent political, economic, and social history of our own country deals with our national and international developments and problems. By means of lecture-discussions and assigned reports, comparisons, when relevant, will be made between twentieth century controversies and historical instances.

F-910 Research and Evaluation

3 semester hours — William L. Sullivan

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library techniques and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

F-906 Occupational and Educational Information (Guidance V)

3 semester hours — G. Flint Taylor

Tuesday, 4:30-7:15 P.M., beginning September 18, 1962

In this course students will examine and make application of the methods for obtaining and imparting occupational and educational information. The problems of occupational orientation will be discussed. The course is planned for elementary or secondary school teachers desirous of meeting the state certification requirements for the position of Guidance Counselor.

F-901 Philosophical Foundations of Education—Part I

3 semester hours — Walter Busam

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

This course is an historical approach to the study of educational thought and includes an examination of primary educational concepts which have evolved through western

thought to the present day. Selections from the great documents in educational thought are studied in relation to the historical period in which they were produced. The student is expected to read and analyze the original contributions of the major educational philosophers.

F-832 Civic Behavior—Democracy's Test

3 semester hours Robert W. Goss

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

This course is designed to enable secondary and elementary school teachers and school officers to educate for democracy with clearer, stronger purpose. Building on the premise that every teacher is a teacher of citizenship, the course will suggest teaching materials and methods, student activities, and administrative and supervisory procedures which are directed toward more adequate preparation of students for the duties of citizenship. Effective school and community practices for increasing observance of law, intergroup good will, and political interest and intelligence will be stressed.

F-838 English History

3 semester hours Edwin R. Hedman

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

This history course is designed to bring out the continuity of English History through its institutional developments to the twentieth century. After a preliminary summary of its ancient and medieval backgrounds, a study will be made of the establishment of the Tudor monarchy and its ideals, of the basic changes resulting from the revolutionary seventeenth century, and of the cabinet system and industrial revolution of the eighteenth. An analysis of the Hanoverian and Victorian regimes will conclude the course.
Research papers in stipulated areas will be required of all students.

F-902 Philosophical Foundations of Education—Part II—Section A

3 semester hours Joseph W. Riordan

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

This course makes application of the philosophical bases of education to recurrent and contemporary educational issues and problems. Each topic is studied from the viewpoint of each of the major philosophical systems and the related educational concepts in order to determine to what extent a synthesis of viewpoint may be achieved.

F-908 Placement-Personnel Services (Guidance VI)

3 semester hours — Joseph C. Scannell

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

This is a required course for personnel workers in the public schools. This course will introduce occupational, educational, and personnel career studies for appraisal and evaluation; statistical analysis of job needs and opportunities; use and function of school and out-of-school agencies including group and individual interviewing techniques; local, state, and federal job studies and opportunities; clinical procedures; a full review of the most important aspects of personnel work on the elementary, secondary, and college levels. Setting up and appraising personnel programs on all levels will be stressed and studied.

F-904 Psychological Foundations of Education—Part II—Section A

3 semester hours — Joseph A. Shea

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

This course is an advanced systematic exposition of various psychological principles related to teaching, with a special emphasis on the application of these principles to specific classroom situations. Readings will be required in the areas of: emotional growth, mental health, motivation, discipline, dynamics of interpersonal relationships, social psychology, and adolescent psychology.

F-881 Studies in Child Growth and Development

3 semester hours — Madeline A. Wilmarth

Wednesday, 4:30-7:15 P.M., beginning September 19, 1962

Students of child psychology will review and appraise the available studies, under the sponsorship of the different schools of psychology, of the developmental growth of the child from infancy up to adolescence. Special attention will be given to those aspects which correlate significantly with behavior and conduct of the elementary school child.

F-835 Art for the Classroom Teacher

3 semester hours — Mary T. Cosgrove

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

In this studio workshop students will enrich their experiences in dealing with the art materials, skills and techniques valuable to the classroom teacher. A combination lecture, informal discussion, and activity course will provide individual and group work in such areas as basic drawing, painting, lettering, and modeling. Exhibits, reproductions and slides will be used as enrichment material.

F-834 The Social Sciences and Society's Problems

3 semester hours — Francis L. Jones

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

This course will examine the contributions of the Social Sciences to the solution of as many of these problems as time permits: The Challenge of the Space Age, The Social Effects of Radio-TV; Whither Suburbia?; Will Regionalism Win the Cold War?; The New Nations and the United Nations; How Much Integration? How Soon?; The Railroad, The Truck, and the Plane; The Expanding Rule of Automation; Democracy under Pressure; The future of Federal-State Relations. By the media of lecture-discussions and student group reports, students in this class will appraise realistically the direction and degree of social change and progress.

F-904 Psychological Foundations of Education—Part II—Section B

3 semester hours — Instructor to be announced

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

This course is an advanced systematic exposition of various psychological principles related to teaching, with a special emphasis on the application of these principles to specific classroom situations. Readings will be required in the areas of: emotional growth, mental health, motivation, discipline, dynamics of interpersonal relationships, social psychology, and adolescent psychology.

F-902 Philosophical Foundations of Education—Part II—Section B

3 semester hours — Instructor to be announced

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

This course makes application of the philosophical bases of education to recurrent and contemporary educational issues and problems. Each topic is studied from the viewpoint of each of the major philosophical systems and the related concepts in order to determine to what extent a synthesis of viewpoint may be achieved.

F-903 Psychological Foundations of Education—Part I

3 semester hours — Joseph C. Lonergan

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

This course covers the theoretical aspects of psychology for the classroom teacher. It includes a systematic analysis of the major schools of psychology and a study of the effects of heredity and environment. Reading in the following areas will be required: results of research on growth and development, theories of intelligence, concepts in measurement and evaluation, individual differences in capacity and achievement, and learning theory.

F-818 Modern European Literature

3 semester hours — Kathryn R. O'Donnell

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

In this literature course, students will make a study of the most noteworthy writers, will complete an evaluation of the influence which these writers and their works have exerted on the nation and the world, and will gain a personal understanding of the literary trends and interrelationships evidenced in these writings. Students will be expected to complement the lectures by means of special reports.

F-848 The Teaching of Modern Mathematics in the Secondary Schools

3 semester hours — Edmund C. Osborne

Thursday, 4:30-7:15 P.M., beginning September 20, 1962

This course is designed to acquaint teachers in the field and prospective teachers with recent materials and modern methods of presentation in the field of mathematics. General methods, illustrated by application to selected topics in both algebra and geometry, will be presented. An historical account of the principal topics of algebra and geometry in relation to general education will be developed, and an interpretation of the influence of the concepts of modern mathematics upon its methodology will be presented.

F-811 Industrial Arts for Special Class and Elementary School

3 semester hours — Richard E. Gray

Monday, 4:30-7:15 P.M., beginning September 17, 1962

This course offers the special class teacher an opportunity to experiment with the various materials necessary for an adequate industrial arts program. The course also offers the elementary school teacher of the regular classroom opportunity to learn new materials and projects for use in unit work and the activity program. A study will be made of planning, equipping, and operating such a program on a limited school budget.

REGISTRATION BLANK

Registration blanks should be forwarded immediately, accompanied by check or money order payable to State College at Worcester. No registration is complete without accompanying fee.

Clip and mail to:

MR. CORNELIUS S. DONOGHUE
Director of Continuing Studies

or

MR. JOHN F. EAGER, Associate Director
Worcester State College
Worcester, Massachusetts

COURSE **CREDITS (check)**

..... B.S.E. ( ) M.Ed. ( ) Other ( )

..... B.S.E. ( ) M.Ed. ( ) Other ( )

..... B.S.E. ( ) M.Ed. ( ) Other ( )

Name .....

Street .....

City or Town .....

Veteran? .....

1909-10-11 Anna Smith

1918- 1920-25 Mary L Howard

1925- Winifred Fitch

Lorraine Tolman

Dec 49 Helen Smith